

L20 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
 TI 4-(Guanidinomethyl)benzoic acid phenyl esters and peptic ulcer inhibitors
 containing them
 AN 1989:172899 CAPLUS
 DN 110:172899
 TI 4-(Guanidinomethyl)benzoic acid phenyl esters and peptic ulcer inhibitors
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 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63218652	A2	19880912	JP 1987-53767	19870309
				JP 1987-53767	19870309

OS MARPAT 110:172899
 AB 4-H₂NC(:NH)NHCH₂C₆H₄CO₂C₆H₃R₁R₂ (I; R₁ = H, halo, linear or branched lower
 alkyl, CHO, CO₂H or its ester; R₂ = H, lower alkoxy) or their acid salts,
 useful as peptic ulcer inhibitors, are prepd. A soln. of p-H₂NCH₂C₆H₄CO₂H
 in hot H₂O was added dropwise to a soln. of H₂NC(SMe):NH in an aq. NaOH,
 the reaction mixt. was kept at room temp. for a day, and the resulting
 crystal was treated with aq. HCl to give 46% 4-H₂NC(:NH)NHCH₂C₆H₄CO₂H.HCl
 (II). Stirring o-HOC₆H₄CO₂H.Na with PhCH₂Cl in DMF at 100.degree. for 12
 h gave benzyl salicylate, which was treated with II and DCC in
 DMF/pyridine at 50.degree. for 6 h to give 53% I.HCl (R₁ = 2-CO₂CH₂Ph, R₂
 = H) (III). III at 100 mg/kg p.o. inhibited EtOH-induced gastric ulcer on
 rats by 92.6%. A capsule (content 200 mg) contg. III 50, lactose 50,
 cryst. cellulose 75, Mg stearate 2 mg, and corn starch was prepd.

11/24/03